

In the claims:

Please amend the claims as follows:

1. (Previously Amended). A genetically engineered mammalian cell that has been mutated by a process comprising the insertion of a recombinantly manipulated polynucleotide sequence into a gene in said genetically engineered mammalian cell wherein said gene is identifiable as corresponding to SEQ ID NO:294.

2. (Original) The genetically engineered mammalian cell of Claim 1, wherein said cell is murine.

Please cancel Claim 3.

4. (Original) The genetically engineered mammalian cell of Claim 1, wherein said polynucleotide sequence is present on a viral vector.

5. (Original) A cell according to Claim 4, wherein said viral vector is a retroviral vector.

6. (Original) A cell according to Claim 4, wherein said viral vector additionally comprises regions of targeting DNA that facilitate gene targeting by homologous recombination.

7 (Twice Amended). An isolated mouse [murine] embryonic stem cell line comprising an engineered retroviral gene trap vector in at least one gene comprising a polynucleotide sequence identifiable as encoding SEQ ID NO:294.